

ABSTRACT

Likelihood determining section 111 calculates likelihood of hard decision data of a received signal using pre-hard decision data of the received signal, and
5 compares the calculated likelihood with a predetermined threshold 1. Switch control section 112 controls switch section 113 so that the section 113 outputs an error signal to weight control section 105 when reliability of the hard decision signal is high, corresponding to a
10 determination signal from likelihood determining section 111. Weight control section 105 calculates a weight based on the error signal from switch section 113.